

WHAT IS CLAIMED IS:

1. A mount frame for battery modules, for fixing a plurality of rectangular battery modules, comprising a frame having a plurality of openings into which
5 the battery modules are inserted removably.

2. A mount frame for battery modules according to claim 1, further comprising a stacking member for stacking a plurality of frames on each other.

10 3. A mount frame for battery modules according to claim 1, wherein the frame is made of metal, and the mount frame further comprises a cooling member disposed on the frame.

15 4. A mount frame for battery modules according to claim 3, wherein the cooling member is at least one selected from the group consisting of a cooling fin and a coolant channel.

20 5. A mount frame for battery modules according to claim 1, wherein the frame has unevenness on an inner surface of each opening, which is engaged with unevenness formed on a surface of each battery module.

25 6. A mount frame for battery modules according to claim 1, further comprising connecting terminals that are engaged with and electrically connected to electrode terminals of the battery modules upon inserting the battery modules into the openings.

30 7. A method for mounting battery modules for mounting a plurality of rectangular battery modules, wherein the battery modules are inserted into the openings of the mount frame for battery modules of claim 1, and thereafter, the mount frame is disposed so that electrode plates in the battery modules are placed in a substantially horizontal or vertical direction.